



1648

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/515,014
Filing Date	February 29, 2000
First Named Inventor	Patrick F. Coleman et al.
Art Unit	1648 <i>Tim Brown</i>
Examiner Name	R. Budens
Total Number of Pages in This Submission	5
Attorney Docket Number	02558P-002010US

160X

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard and PTO Form 1449 and Search Report
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

RECEIVED

APR 02 2003

TECH CENTER 1600/2900

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP Brian W. Poor	Reg. No. 32,928
Signature	<i>Brian W. Poor</i>	
Date	24 March 2003	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: March 29, 2003

Typed or printed	Angelie Rivera		
Signature	<i>Angelie Rivera</i>	Date	March 24, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Asst. Commissioner of Patents and Trademarks, Washington, D.C. on March 24, 2003

By: Angelie R.

PATENT
Attorney Docket No.02558P-002010US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Patrick F. Coleman et al.

Application No.: 09/515,014

Filed: February 29, 2000

For: SYNTHETIC ANTIGEN FOR THE
DETECTION OF ANTIBODIES
IMMUNOREACTIVE WITH HIV
VIRUS

Examiner: R. Budens

Art Unit: 1648

**FIRST SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT**

RECEIVED

APR 02 2003

TECH CENTER 1600/2900

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Applicants direct the Examiner's attention to the references below that have been recently cited in a Search Report in a corresponding foreign application. The references listed on the accompanying Form PTO-1449 and copies of the newly cited references are enclosed. Also enclosed is a copy of the European Search Report.

The following U.S. Patents are set forth below by issue date.

AM. U.S. Patent No. 5,075,211 issued on 12/24/91 to Cosand.

The following articles are set forth by the indicated year of publication date:

AN. Hickman et al., "Detection and Differentiation of HIV-1 group O sera from HIV-1 Group M and HIV-2 Using Recombinant Antigens and Peptides," J. Virol. Meth. 72:43-49 (1998).

AO. Monji N. et al., "Sensitive and Specific Hiv-1/HIV-2 EIA Using Env and Pol Synthetic Peptides," Biosis Database Accession No. PREV199698616393 XP001105703 (1995).

AP. Monji Nobuo et al., "Specific and Sensitive HIV-1/HIV-2 EIA Using Env and Pol Synthetic Peptides," Biosis Database Accession No. PREV199598347548 XP001105443 (1995).

AQ. Ivanov V. et al., "Study of the Antigenic Structure of Human Immunodeficiency Viruses by Means of Synthetic Peptides," Biosis Database Accession No. PREV199294121790, X002213768 (1992)

AR. D.E. Pollet et al., "Confirmation and Differentiation of Antibodies to Human Immunodeficiency Virus 1 and 2 with a Strip-Based Assay Including Recombinant Antigens and Synthetic Peptides" Clin. Chem. 37:1700-1707 (1991).

AS. Sprengers et al., "A MicroELISA System for the Detection of Both Anti-HIV-1 and Anti-HIV-2 Antibodies," J. Immunol. Meth. 139:77-82 (1991).

AT. Wain-Hobson et al., "Nucleotide Sequence of the Aids Virus, LAV," Cell 10:9-17 (1988).

AU. Sternberg et al., "Prediction of Antigenic Determinants and Secondary Structures of the Major AIDS Virus Proteins," FEBS Lett. 218:231-237 (1987).

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicants believe that their invention as claimed is patentable over the above references taken alone or in any combination. However, Applicants reserve the right to demonstrate that their claimed invention was made prior to any one or more of the above-identified references. As provided for by 37 C.F.R. § 1.97 (g) and (h), no inference should be drawn as to the pertinence of the references based on the order in which they are presented.

Applicants respectfully request that the Examiner review the foregoing references to make his own determination of the patentability of the present invention and that the references be made of record in the file of this application. This Information Disclosure Statement is being filed before the mailing date of the final Office Action or Notice of Allowance.

CERTIFICATION

I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in counterpart foreign application not more than three months prior to the filing of this statement.

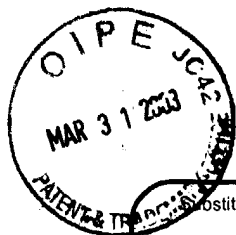
Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Dated: 24 March 2003

By: Brian W. Poor
Brian W. Poor
Reg. No. 32,928

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, CA 94111
Ph.: (206) 467-9600
Fax: (415) 576-0300



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Institute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/515,014
Filing Date	February 29, 2000
First Named Inventor	Patrick F. Coleman et al.
Art Unit	1648
Examiner Name	R. Budens
Attorney Docket Number	02558P-2-1US

RECEIVED

APR 02 2003

TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AM	5,075,211	12/24/91	Cosand	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
						<input type="checkbox"/>

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AN	Hickman et al., "Detection and Differentiation of HIV-1 group O sera from HIV-1 Group M and HIV-2 Using Recombinant Antigens and Peptides," <i>J. Virol. Meth.</i> 72:43-49 (1998).	
	AO	Monji N. et al., "Sensitive and Specific Hiv-1/HIV-2 EIA Using Env and Pol Synthetic Peptides," <i>Biosis</i> Database Accession No. PREV199698616393 XP001105703 (1995).	
	AP	Monji Nobuo et al., "Specific and Sensitive HIV-1/HIV-2 EIA Using Env and Pol Synthetic Peptides," <i>Biosis</i> Database Accession No. PREV199598347548 XP001105443 (1995).	
	AQ	Ivanov V. et al., "Study of the Antigenic Structure of Human Immunodeficiency Viruses by Means of Synthetic Peptides," <i>Biosis</i> Database Accession No. PREV199294121790, X002213768 (1992)	
	AR	D.E. Pollet et al., "Confirmation and Differentiation of Antibodies to Human Immunodeficiency Virus 1 and 2 with a Strip-Based Assay Including Recombinant Antigens and Synthetic Peptides" <i>Clin. Chem.</i> 37 1700-1707 (1991).	
	AS	Sprengers et al., "A MicroELISA System for the Detection of Both Anti-HIV-1 and Anti-HIV- 2Antibodies," <i>J. Immunol. Meth.</i> 139:77-82 (1991).	
	AT	Wain-Hobson et al., "Nucleotide Sequence of the Aids Virus, LAV," <i>Cell</i> 10:9-17 (1988).	
	AU	Sternberg et al., "Prediction of Antigenic Determinants and Secondary Structures of the Major AIDS Virus Proteins," <i>FEBS Lett.</i> 218 P231-237 (1987).	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
SE 5015965 v1